

IEUA FY 2018-2019 Annual Water Use Report:

Retail Agency Water Use and Five Year History

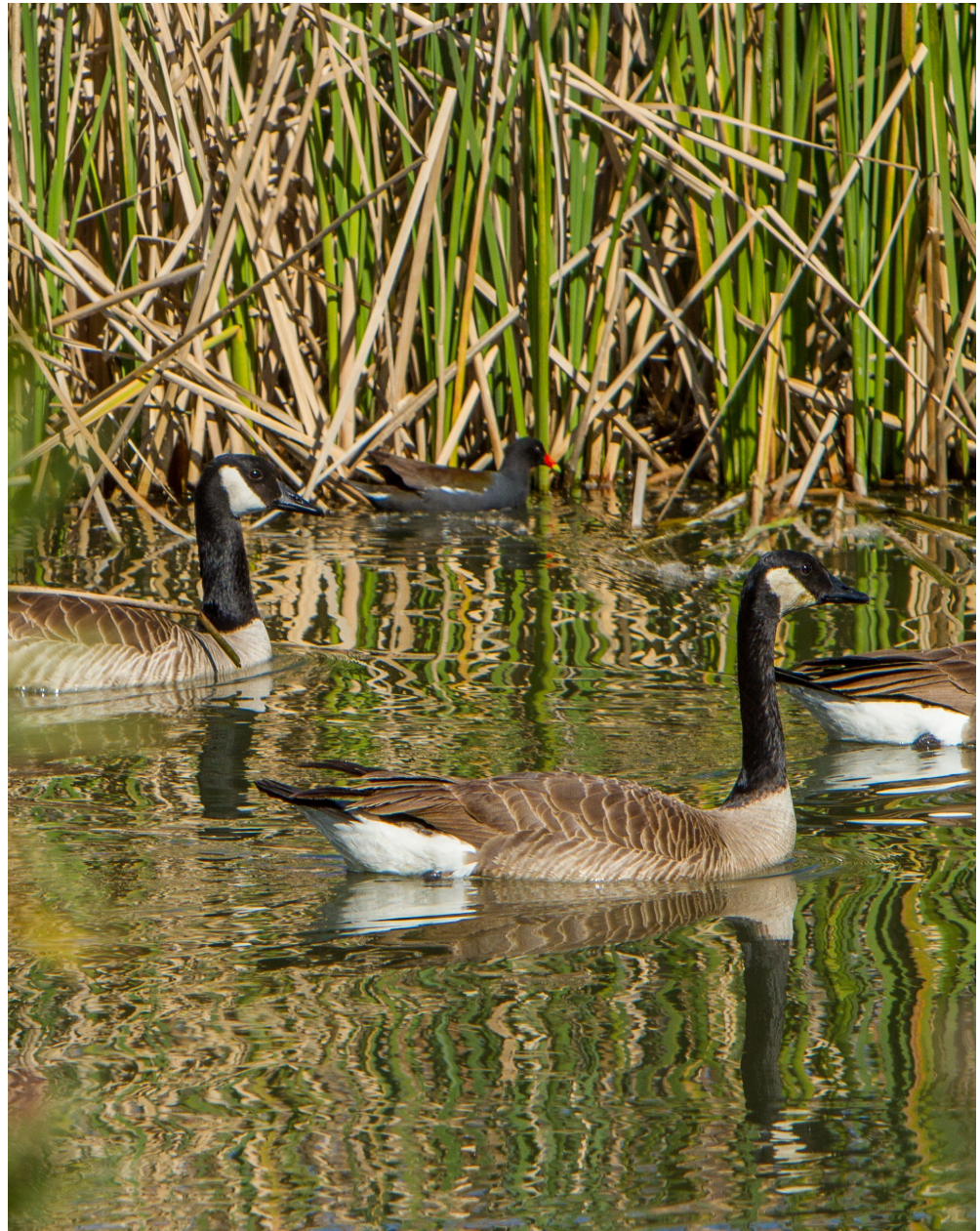


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Preface

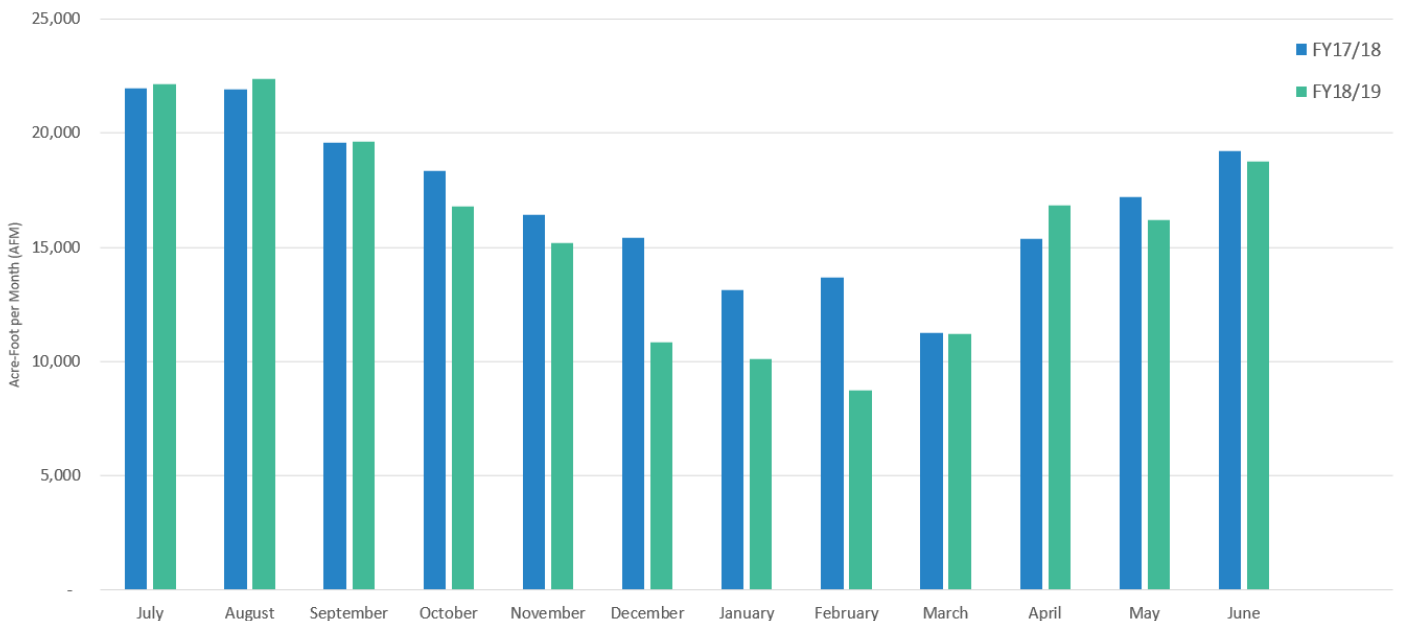
FY 2018-2019 Water Use Summary Report

Inland Empire Utilities Agency (IEUA) monitors and compiles water use data from each of its retail agencies to track overall water demands and sources of supply. Each year, this data is compiled into an Annual Water Use Report. Data includes monthly water use by member agency and by source of supply, a five-year history of water use, and retail agency water usage as a percentage of the total water used in the service area.

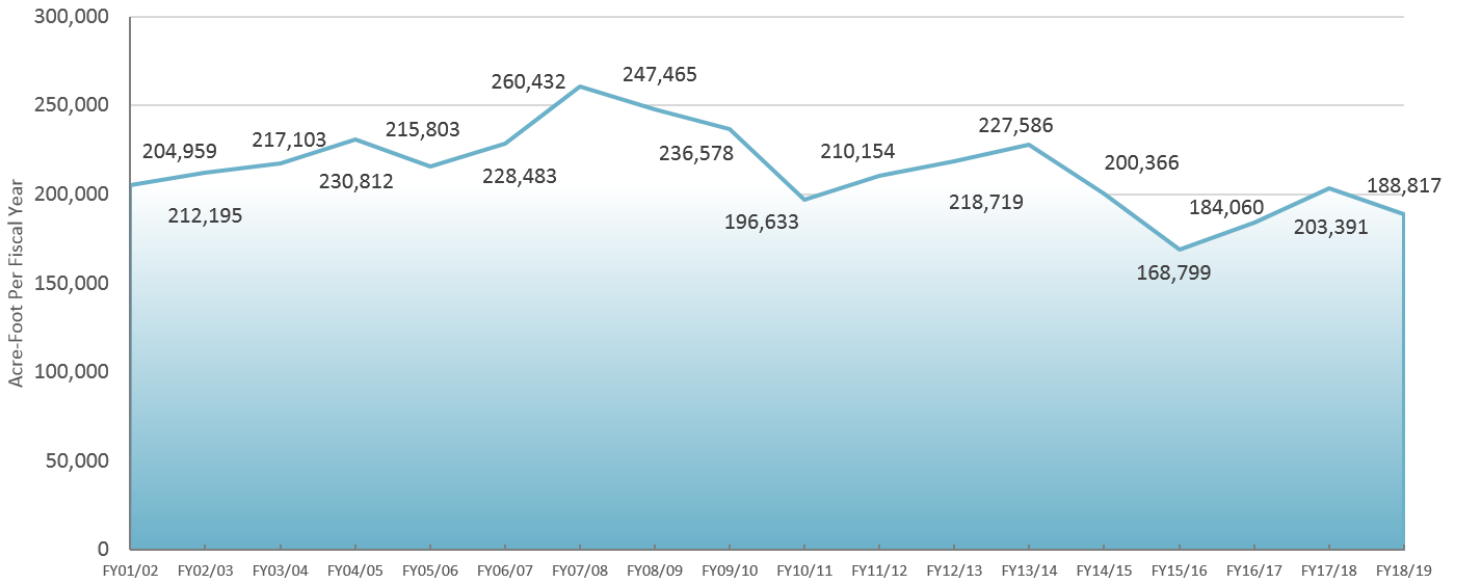
Total water consumption within IEUA's service area for FY 18/19 was 188,817 AF. This is roughly a 7% decrease (14,574 AF) from FY 2017/18 consumption of 203,391 AF. The region is now using approximately 17% less water than before the recent drought in FY 13/14 when consumption was at 227,586 AF. Usage is down across all water sources from FY17/18 to FY18/19 excluding purchases from other local water sources, such as San Antonio Water Company (SAWCo), West End Consolidated Water Company (WECWC), and Chino Basin Desalter Authority (CDA) water sources which saw minimal increases for the year.

IEUA anticipates a slight increase in FY19/20 water usage due to the continually growing population in the region and the general climate change trend of projected temperature increases. However, long-term demands are not expected to exceed the peak year of FY 07/08 and current water usage is below the low demand forecast outlined in IEUA's 2015 Integrated Resources Plan (IRP). This analysis came from demand modeling conducted as part of the IRP and Urban Water Management Plan (UWMP) which found that new developments in the region tend to be more

Total Regional Monthly Water Usage FY 18/19 Comparison to FY17/18



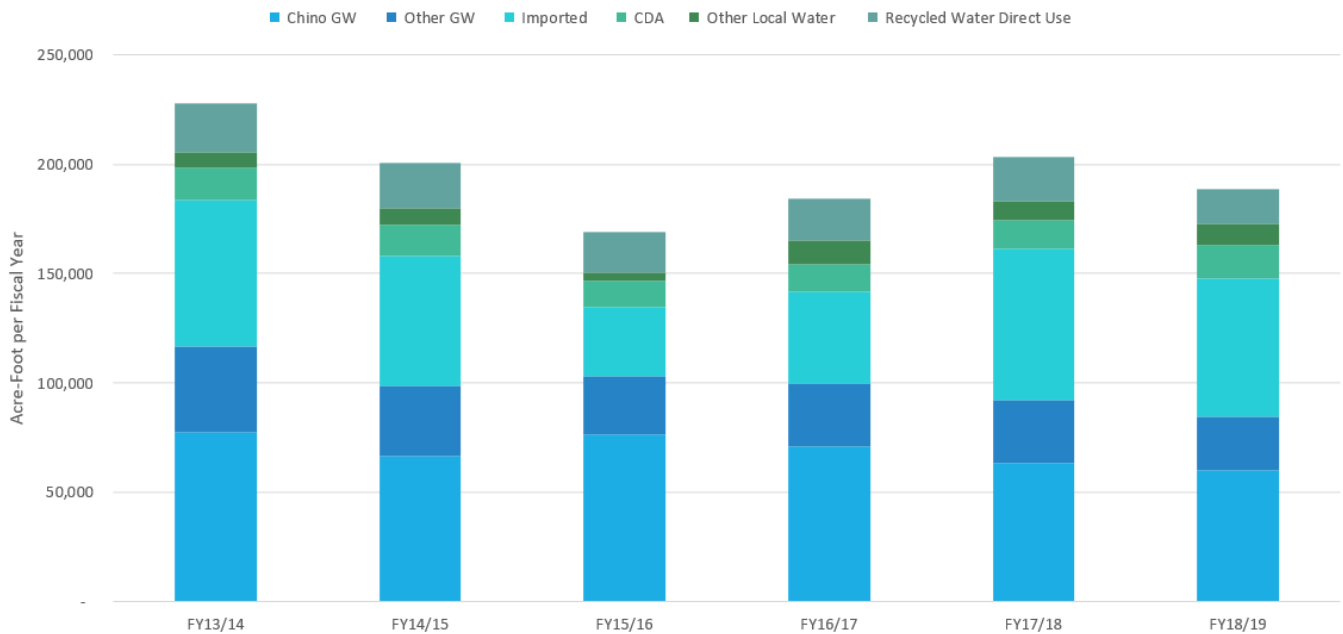
IEUA Member Agency Overall Total Water Use Trend



Note: Total Water Use Data includes imported water, surface water, groundwater, recycled and desalter production. Excludes IEUA groundwater recharge

water efficient due to changes in the plumbing code, higher density developments with less landscaping, and compliance with the existing model landscape ordinance requirements set forth in AB1881. FY18/19 usage is roughly 10% below the 2020 predicted usage found in the low demand IRP forecast. A continual focus on water use efficiency and per capita reductions, as required in SB X7-7, has lead to slower water usage growth demand.

Regional Water Trend Use by Source



**Other Local Water includes purchases from local water companies such as SAWCo and WECWC*

In addition, the region is continuing to diversify and maximize local resource development including recycled water, expand water use efficiency programs, and increase groundwater storage as outline in the IRP. These efforts will continue to prepare the service area to cope with future dry years and increase regional resiliency in the face of climate change.

Below is a summary and update on the region's major water supply efforts and programs:

- *Water Use Efficiency (WUE)*: IEUA and its member agencies continue to offer water use efficiency programs outlined in the 2015-2020 Regional Water use Efficiency Business Plan. With outdoor irrigation accounting for 60% of total urban water demand, the recent focus has been to increase efficiency programs targeting outdoor irrigation. In July 2018, the Turf Removal program was reoffered with an increased rebate amount of \$3 per square foot. The new Smart Landscape Irrigation Tune Up pilot was fully subscribed as of April 2019 and IEUA is looking to extend the program into FY19/20 due to its popularity.
- *Chino Basin Project (CBP)*: IEUA received a conditional award of \$206.9M from Prop 1 funds in July 2018. Leveraging this funding, the CBP plans to increase local water security, improve water quality, and lower subsidence through the installation of an advanced water treatment facility (AWT), additional pipelines and pipeline interconnects, and wellhead improvements. The AWT will be able to treat and store 15,000 AF per year in the Chino Basin. The CBP will also add 50,000AF per year in additional groundwater treatment capabilities to help reduce salinity. The new water from the AWT will be exchanged towards ecosystem benefits north of the Delta for 25 years. Brown & Caldwell have been selected as the technical and environmental consultant who will work on a preliminary design and project feasibility study. Upon approval, the preliminary design report will be completed by March 2020. The CBP is aligned with the Optimum Basin Management Program's (OBMP) goal to enhance water quality and management of the Chino basin.
- *RP-5 Upgrade*: The addition of a new membrane bio-reactor to the RP-5 facility in Chino will allow for greater treatment and recycled water recovery. The RP-5 expansion project is in the final design phase and will be ready to bid in 2020. The upgraded facility will increase total liquid treatment to 30 million gallons per day and biosolids treatment to 40 million gallons per day while providing an additional 7.5 million gallons of recycled water per day (8,400 AF per year).
- *Chino Desalter Expansion Phase III*: After receiving \$7.2 million to support the expansion project, all three of the new wells are scheduled to be producing and feeding the Chino-II Desalter by FY 19/20. The new wells will increase production at Chino Desalter-II to a total of 40,000AF per year.
- *San Sevaine Basin Improvement*: This improvement project increased the amount of storm water and recycled water that can be used for ground water recharge at the San Sevaine Basin. The upgrade was completed in April 2019 and added approximately 600AF of storm water and 4,100AF of recycle water groundwater recharge capacity.

IEUA would like to thank its member agencies for their assistance in compiling the data contained in this report.

SECTION 1

Total Water Resources Data from FY 18/19

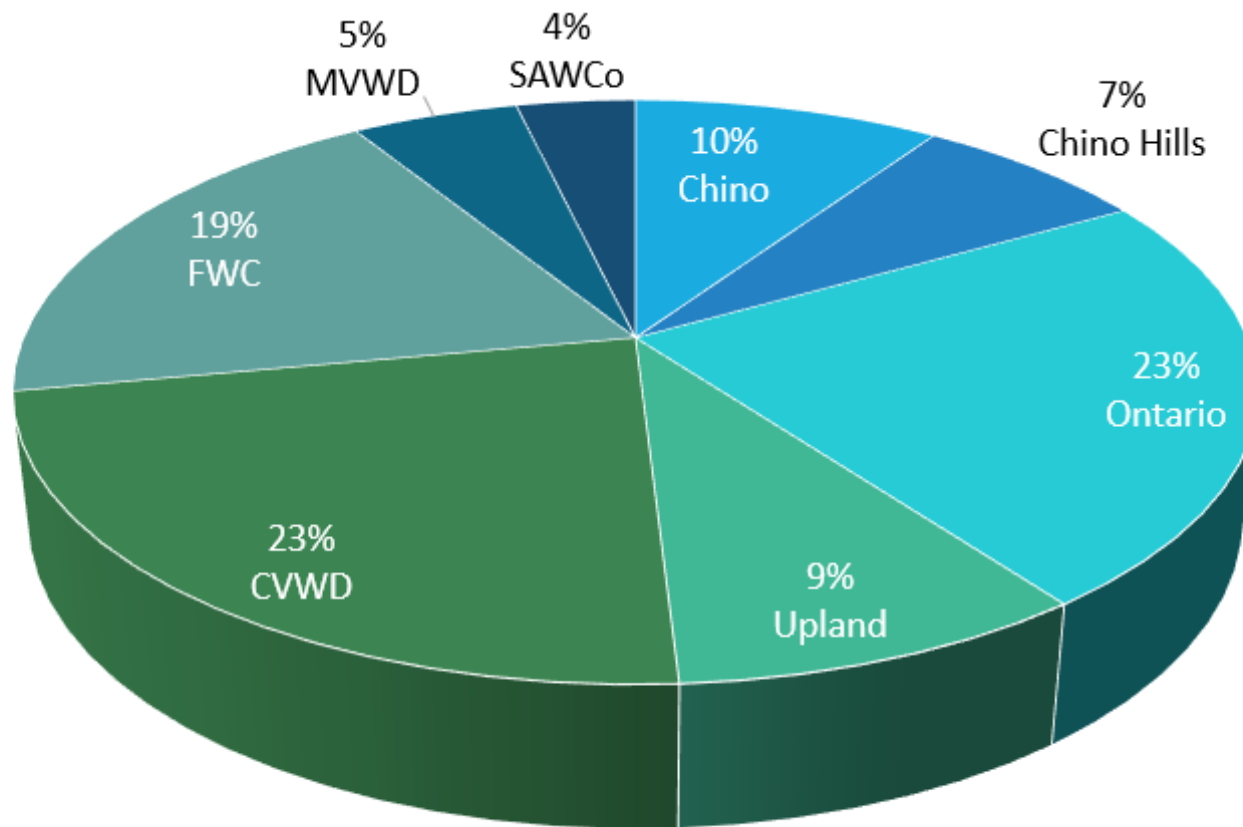
Total IEUA Service Area Water Use For FY 18/19

FY 18-19		Total IEUA Service Area Water Use by Retail Agency for FY 18-19 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	3,955	1,500	5,737	5,602	26,691	12,075	7,669	0	63,230
	Recycled (Direct Use)	4,759	1,548	7,512	709	996	143	289	0	15,956
Subtotal		8,715	3,048	13,249	6,311	27,687	12,219	7,958	0	79,186
Production	Chino Groundwater	4,220	1,609	24,079	2,381	9,624	9,961	8,167	376	60,417
	Other Groundwater	0	0	0	762	3,259	11,280	0	8,993	24,294
	Local Surface Water	0	0	0	0	2,871	2,503	0	5,701	11,075
Subtotal		4,220	1,609	24,079	3,142	15,754	23,743	8,167	15,070	95,786
Purchases from Other Agencies	CDA	5,018	4,270	5,722	0	0	0	0	0	15,010
	MVWD*	0	4,893	0	0	0	0	0	0	4,893
	SAWCo Water	0	0	403	6,376	0	0	0	0	6,778
	West End	0	0	0	1,596	0	0	0	0	1,596
	CVWD	0	0	0	0	0	0	0	0	0
Subtotal		5,018	9,162	6,125	7,972	0	0	0	0	28,277
Sales to Other Agencies*	Chino Hills**	0	0	0	0	0	0	-6,351	0	-6,351
	Ontario	0	0	0	0	0	0	0	-403	-403
	Upland	0	0	0	0	0	0	0	-7,225	-7,225
	MVWD	0	0	0	0	0	0	0	-454	-454
Subtotal		0	0	0	0	0	0	-6,351	-8,081	-14,432
Total		17,953	13,819	43,453	17,426	43,441	35,962	9,774	6,989	188,817

Note: All recycled water numbers in this report are based off IEUA operations data and are for direct use only.

Recycled water used for groundwater recharge may be found in the Recycled Water Report.

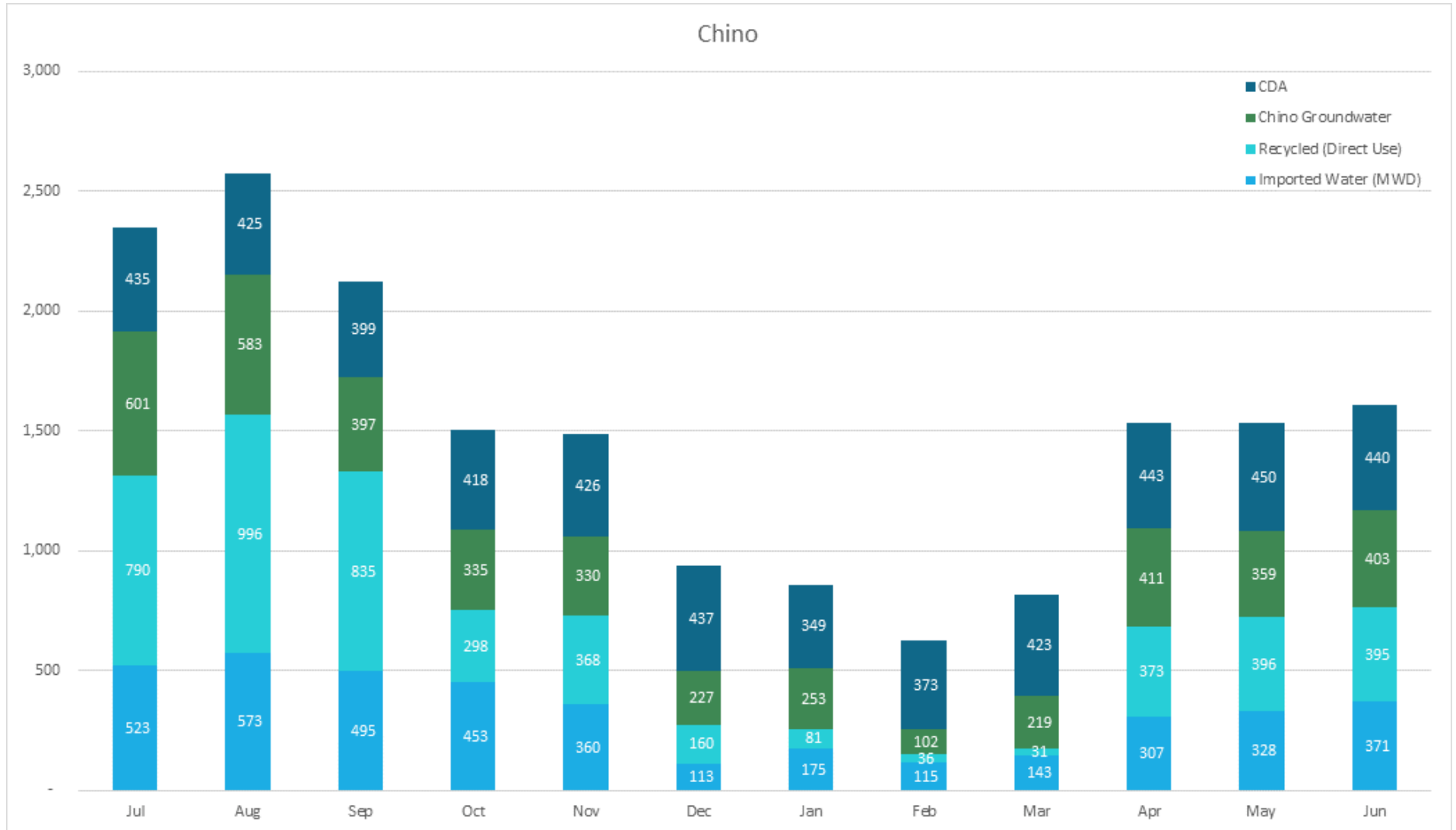
Total IEUA Service Area Water Use For FY 18/19



SECTION 2

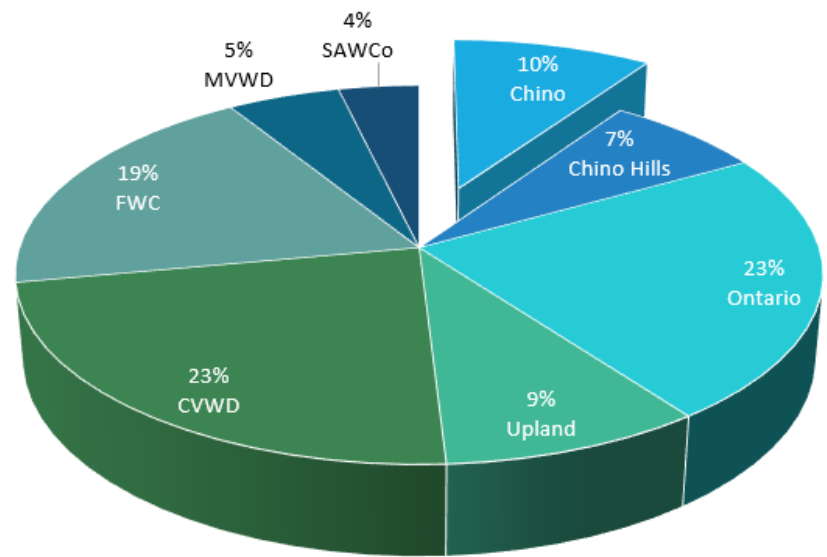
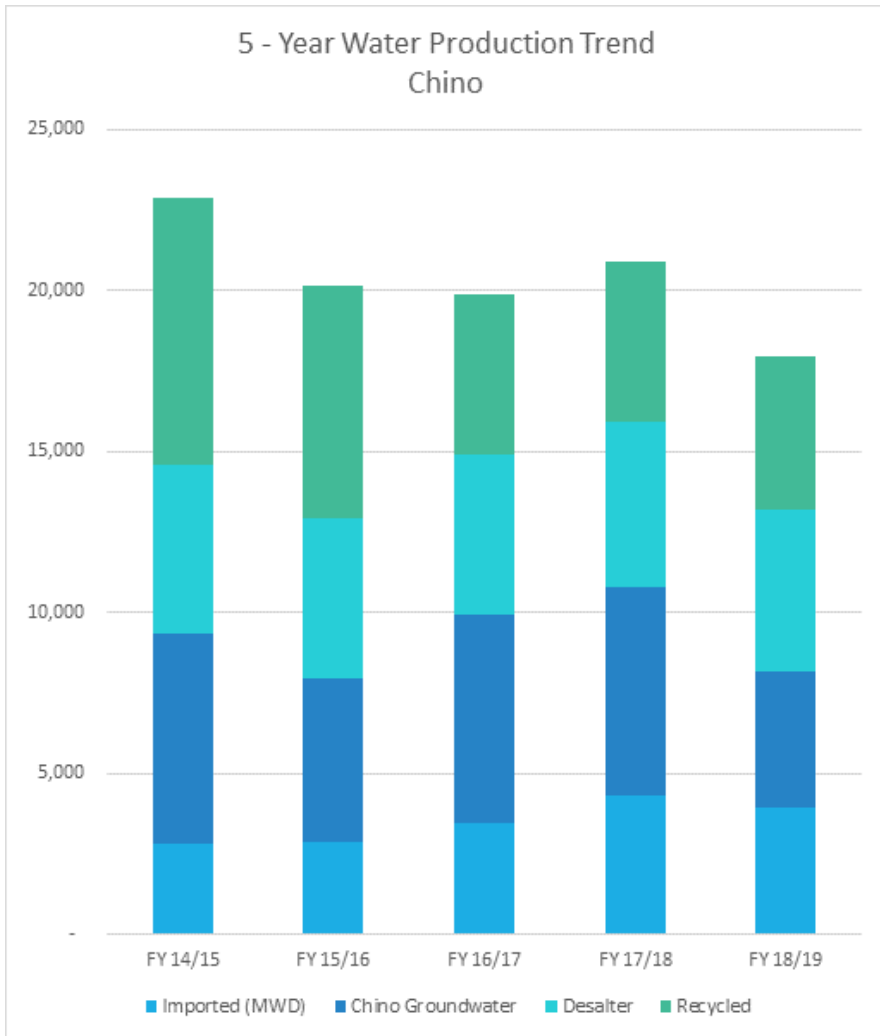
Retail Water Use Data from FY 18/19 by Agency

FY 18/19 Water Use Report City of Chino



FY 18/19 Water Use Report

City of Chino



In FY 2018/19, The City of Chino used 10% (17,953 AF) of 188,817 AF used in the IEUA service area.

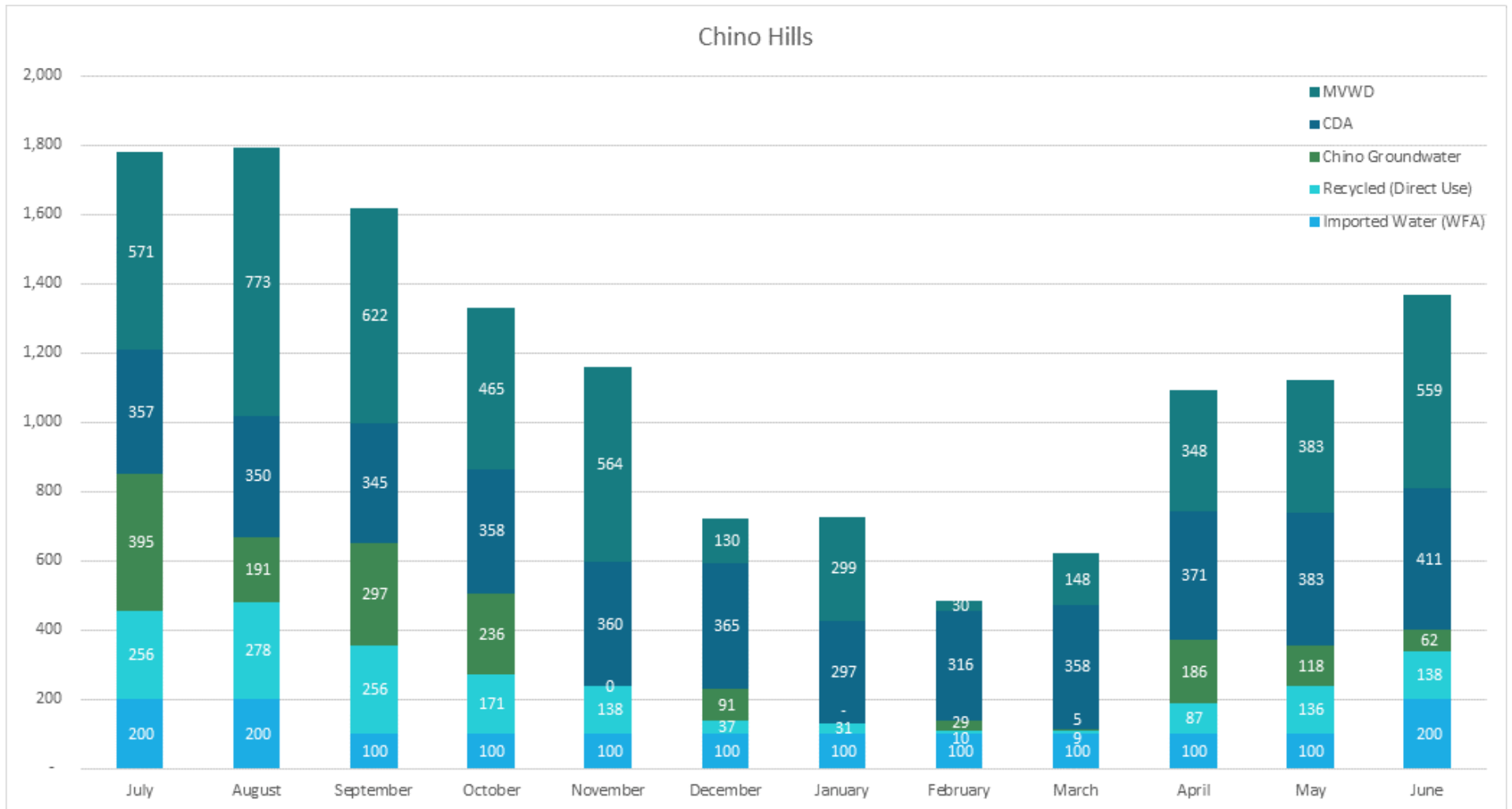
FY 18/19 Water Use Report

City of Chino

		Total IEUA Service Area Water Use By Agency for FY18-19 (AF)										City of Chino		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	523	573	495	453	360	113	175	115	143	307	328	371	3,955
	Recycle (Direct Use)	790	996	835	298	368	160	81	36	31	373	396	395	4,759
Subtotal		1,313	1,569	1,330	750	728	273	257	151	174	680	724	766	8,715
Production	Chino Groundwater	601	583	397	335	330	227	253	102	219	411	359	403	4,220
Subtotal		601	583	397	335	330	227	253	102	219	411	359	403	4,220
Agencies	CDA	435	425	399	418	426	437	349	373	423	443	450	440	5,018
Subtotal		435	425	399	418	426	437	349	373	423	443	450	440	5,018
Total		2,349	2,577	2,126	1,504	1,485	937	859	626	816	1,534	1,533	1,609	17,953

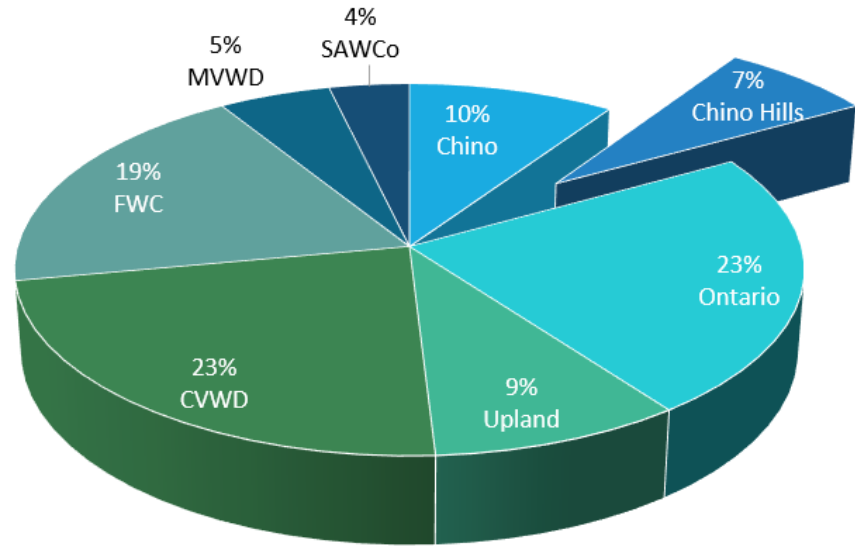
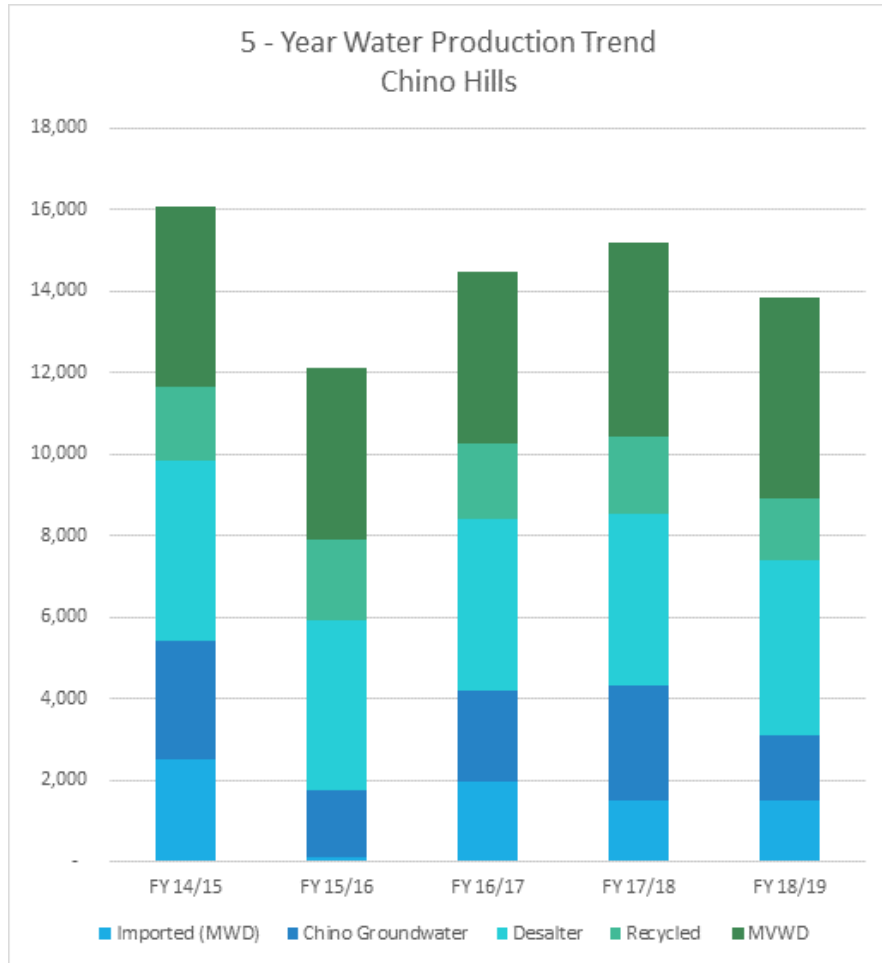
FY 18/19 Water Use Report

City of Chino Hills



FY 18/19 Water Use Report

City of Chino Hills



In FY 2018/19 The City of Chino Hills used 7% (13,819 AF) of 188,817 AF used in the IEUA service area.

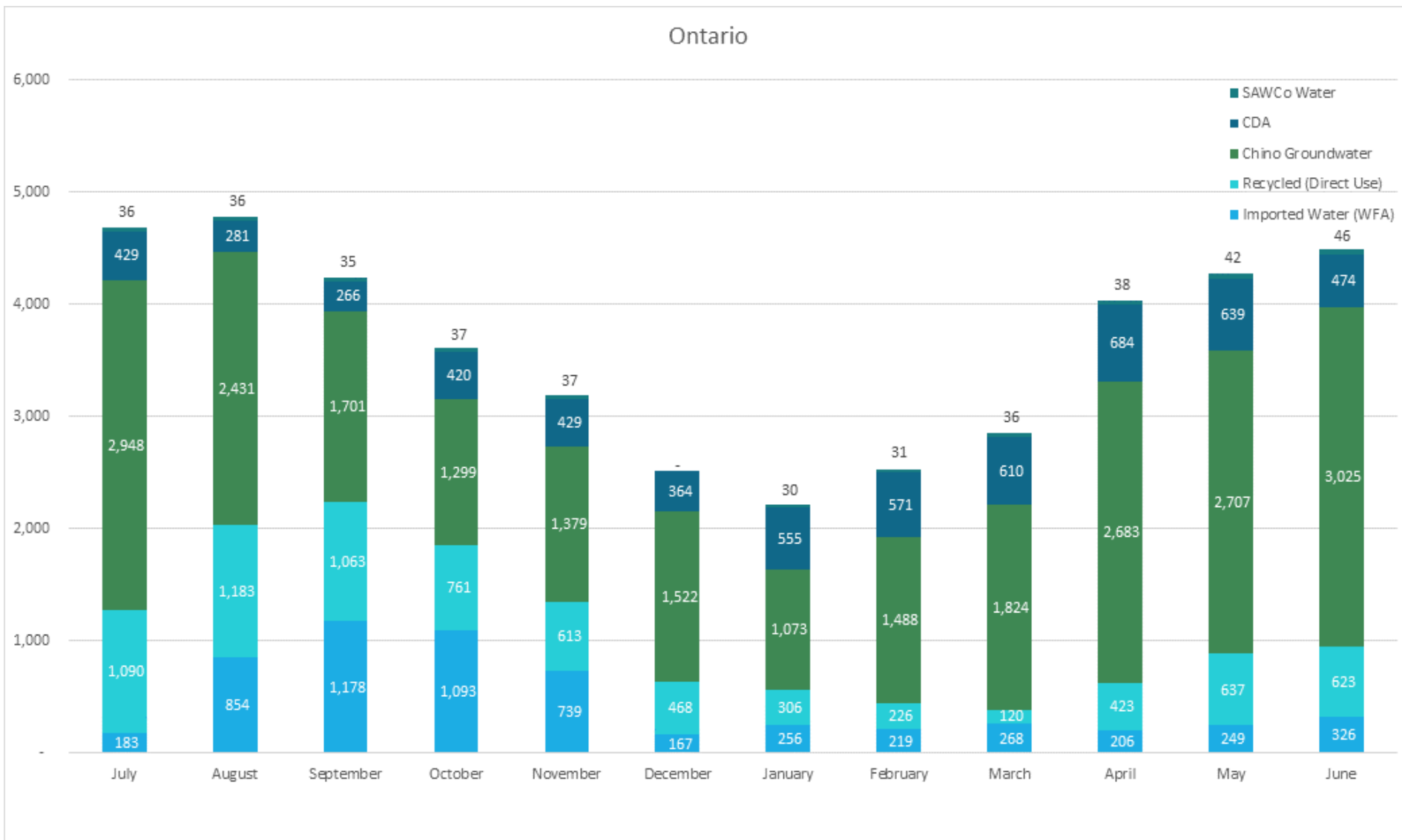
FY 18/19 Water Use Report

City of Chino Hills

		Total IEUA Service Area Water Use By Agency for FY18-19 (AF)										City of Chino Hills		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	200	200	100	100	100	100	100	100	100	100	100	200	1,500
	Recycle (Direct Use)	256	278	256	171	138	37	31	10	9	87	136	138	1,548
Subtotal		456	478	356	271	238	137	131	110	109	187	236	338	3,048
Production	Chino Groundwater	395	191	297	236	0	91	-	29	5	186	118	62	1,609
Subtotal		395	191	297	236	0	91	-	29	5	186	118	62	1,609
Purchase from other agencies	CDA	357	350	345	358	360	365	297	316	358	371	383	411	4,270
	MVWD	571	773	622	465	564	130	299	30	148	348	383	559	4,893
Subtotal		928	1,123	967	823	923	495	596	346	506	718	767	970	9,162
Total		1,779	1,792	1,619	1,330	1,161	722	727	485	620	1,092	1,121	1,370	13,819

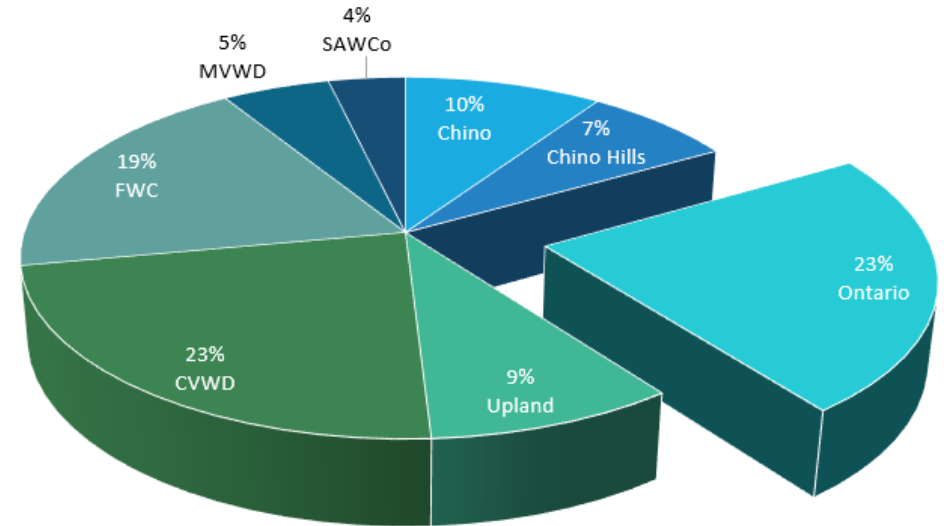
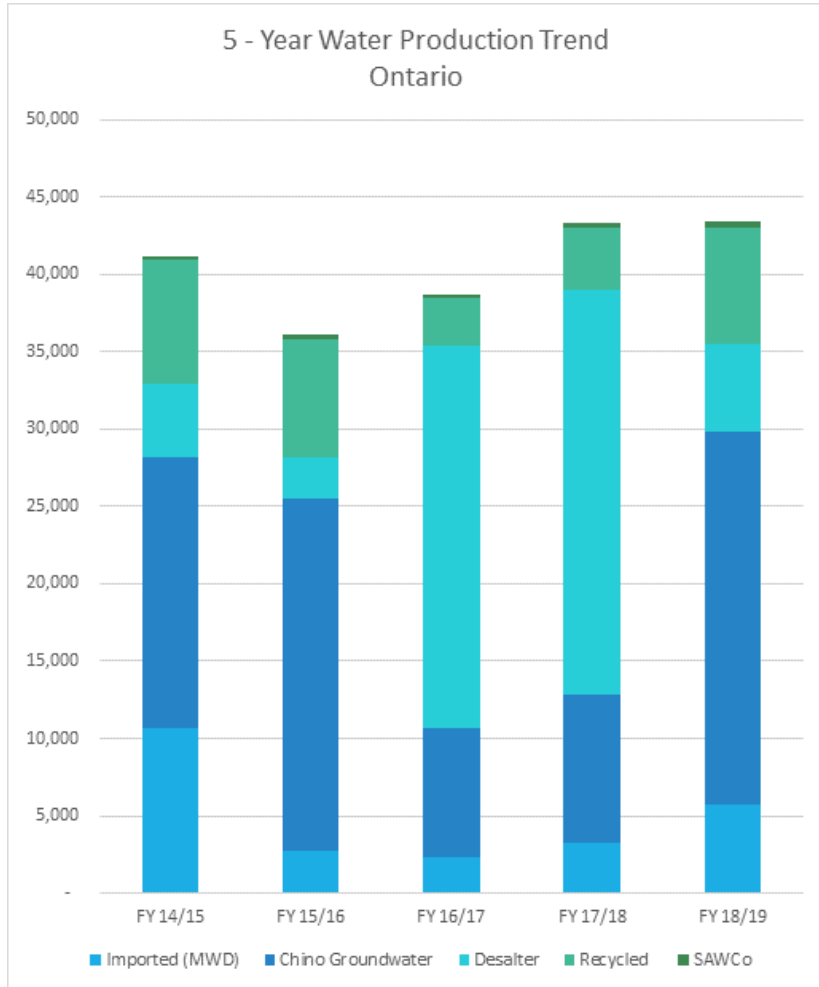
FY 18/19 Water Use Report

City of Ontario



FY 18/19 Water Use Report

City of Ontario



In FY 2018/19, The City of Ontario used 23% (43,453 AF) of 188,817 AF used in the IEUA service area.

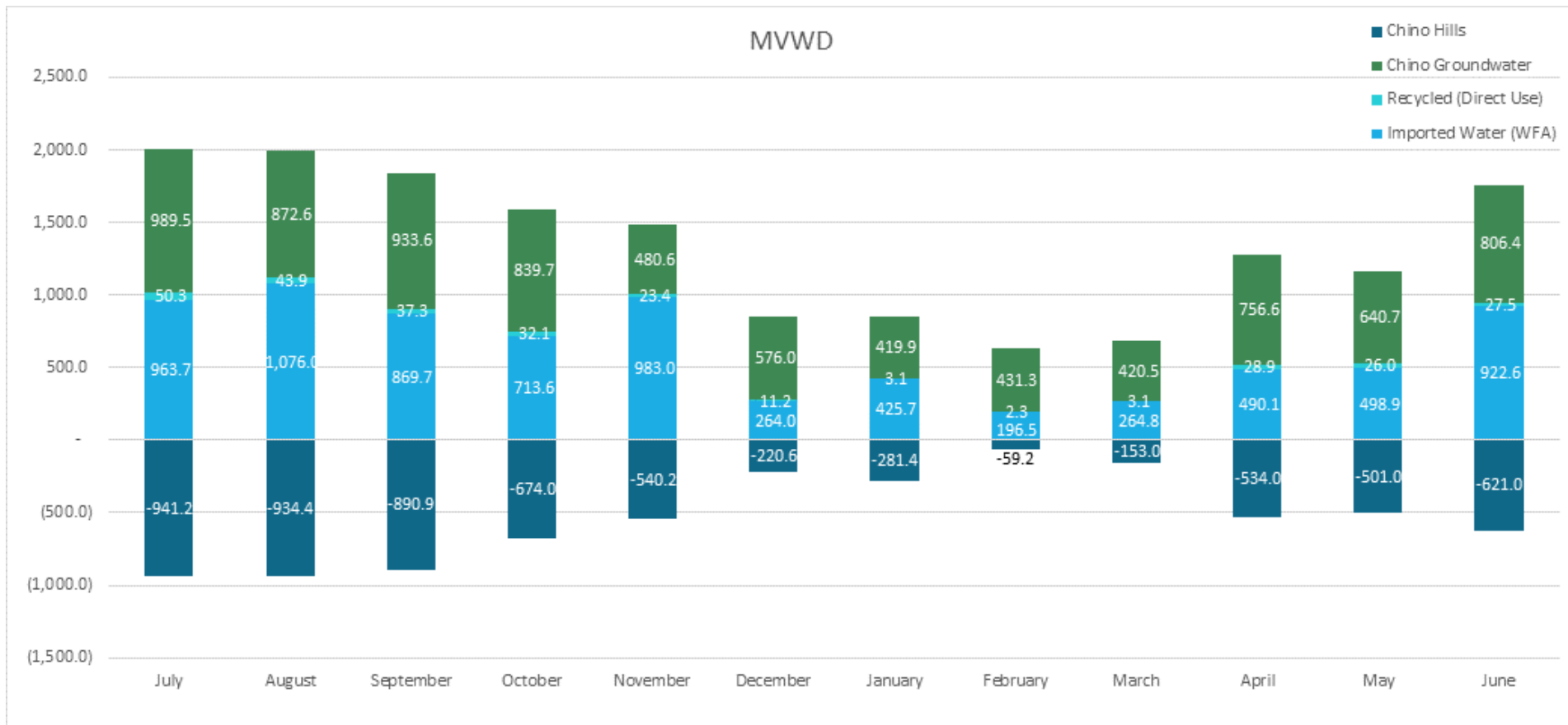
FY 18/19 Water Use Report

City of Ontario

		Total IEUA Service Area Water Use By Agency for FY18-19 (AF)											City of Ontario	
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	183	854	1178	1093	739	167	256	219	268	206	249	326	5,737
	Recycle (Direct Use)	1090	1183	1063	761	613	468	306	226	120	423	637	623	7,512
Subtotal		1,272	2,036	2,241	1,855	1,352	634	563	445	388	629	885	950	13,249
Production	Chino Groundwater	2948	2431	1701	1299	1379	1522	1073	1488	1824	2683	2707	3025	24,079
Subtotal		2,948	2,431	1,701	1,299	1,379	1,522	1,073	1,488	1,824	2,683	2,707	3,025	24,079
Purchase from other agencies	CDA	429	281	266	420	429	364	555	571	610	684	639	474	5,722
	SAWCo Water	36	36	35	37	37	0	30	31	36	38	42	46	403
Subtotal		465	317	300	457	466	364	586	601	646	722	681	520	6,125
Total		4,685	4,784	4,242	3,611	3,196	2,521	2,221	2,534	2,858	4,034	4,273	4,494	43,453

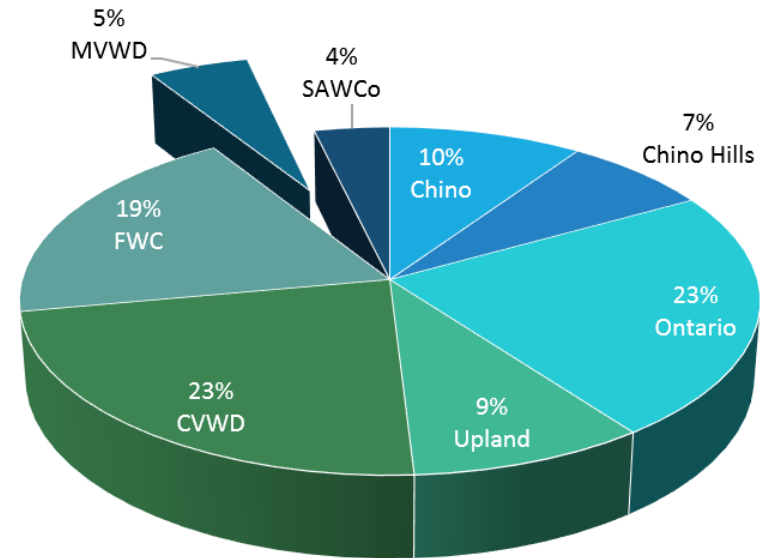
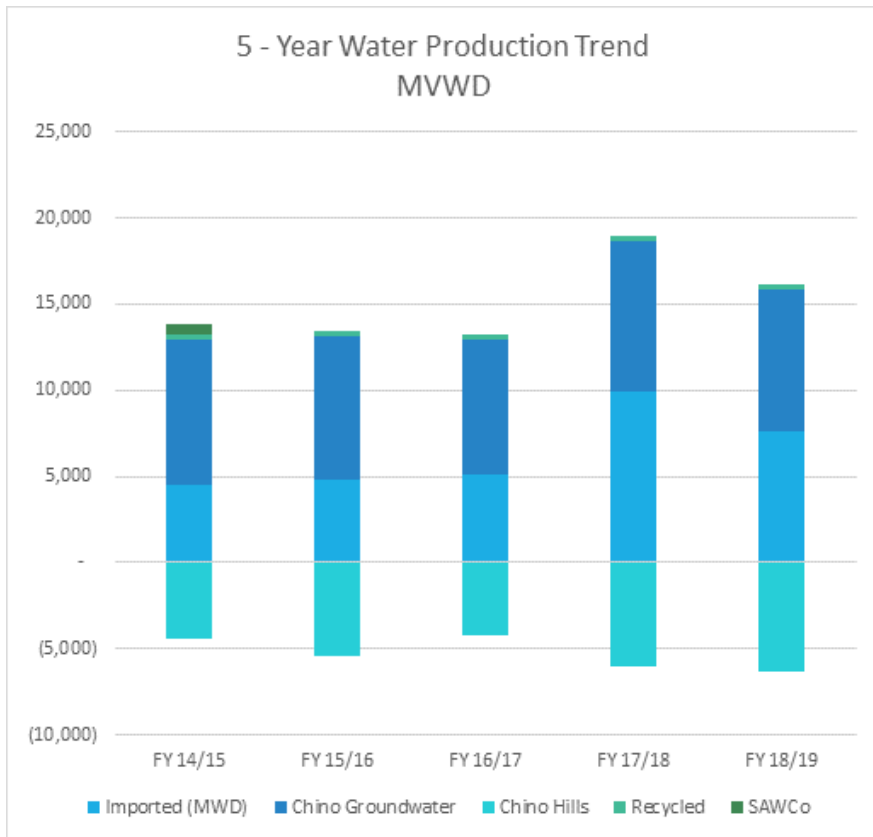
FY 18/19 Water Use Report

Monte Vista Water District



FY 18/19 Water Use Report

Monte Vista Water District



In FY 2018/19, Monte Vista Water District used 5% (9,774 AF) of 188,817 AF used in the IEUA service area.

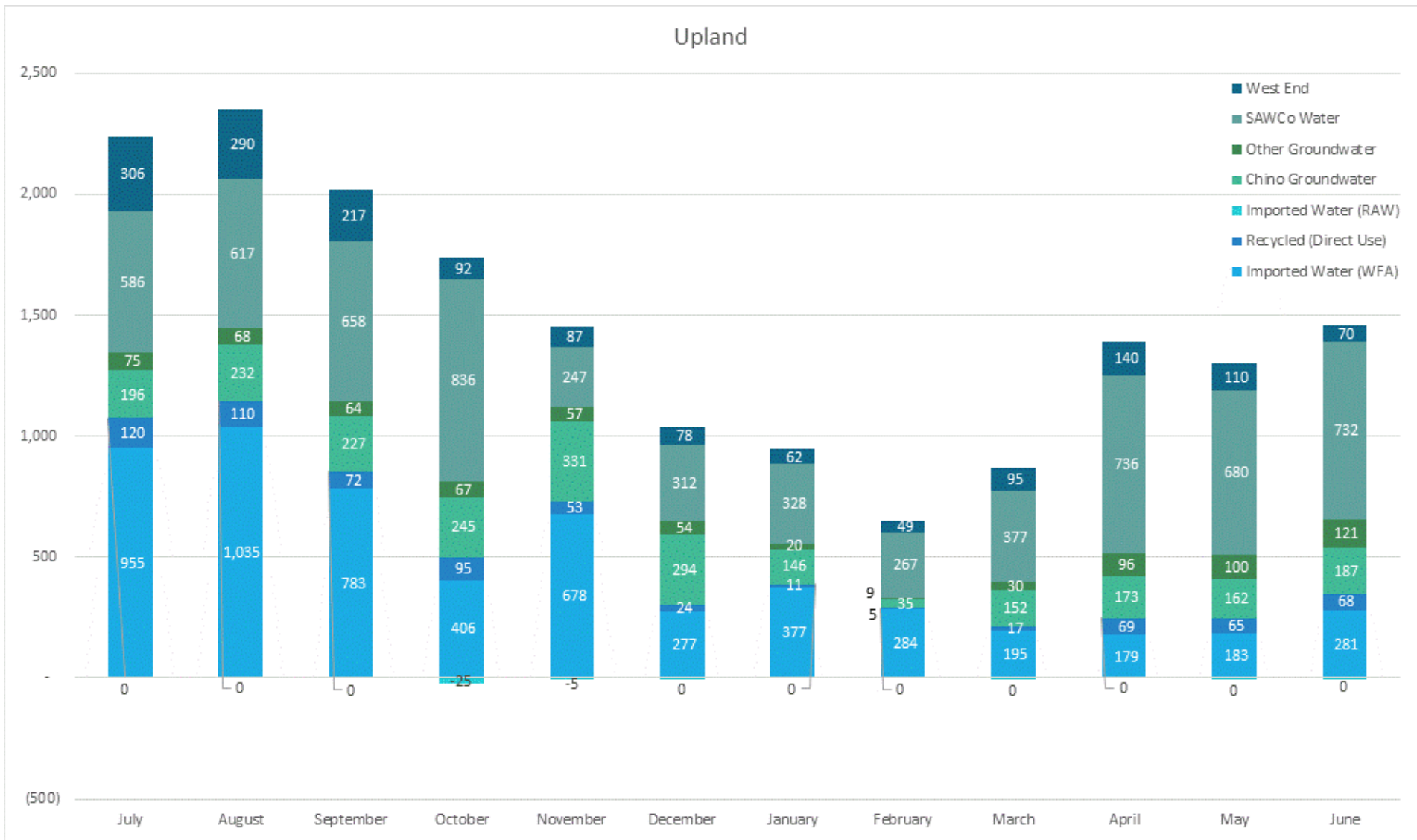
FY 18/19 Water Use Report

Monte Vista Water District

		Total IEUA Service Area Water Use By Agency for FY18-19 (AF)										MVWD		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	964	1,076	870	714	983	264	426	197	265	490	499	923	7,669
	Recycle (Direct Use)	50	44	37	32	23	11	3	2	3	29	26	28	289
Subtotal		1,014	1,120	907	746	1,006	275	429	199	268	519	525	950	7,958
Production	Chino Groundwater	990	873	934	840	481	576	420	431	420	757	641	806	8,167
Subtotal		990	873	934	840	481	576	420	431	420	757	641	806	8,167
Sales to other agencies	Chino Hills	-941	-934	-891	-674	-540	-221	-281	-59	-153	-534	-501	-621	-6,351
Subtotal		-941	-934	-891	-674	-540	-221	-281	-59	-153	-534	-501	-621	-6,351
Total		1,062	1,058	950	911	947	631	567	571	535	742	665	1,136	9,774

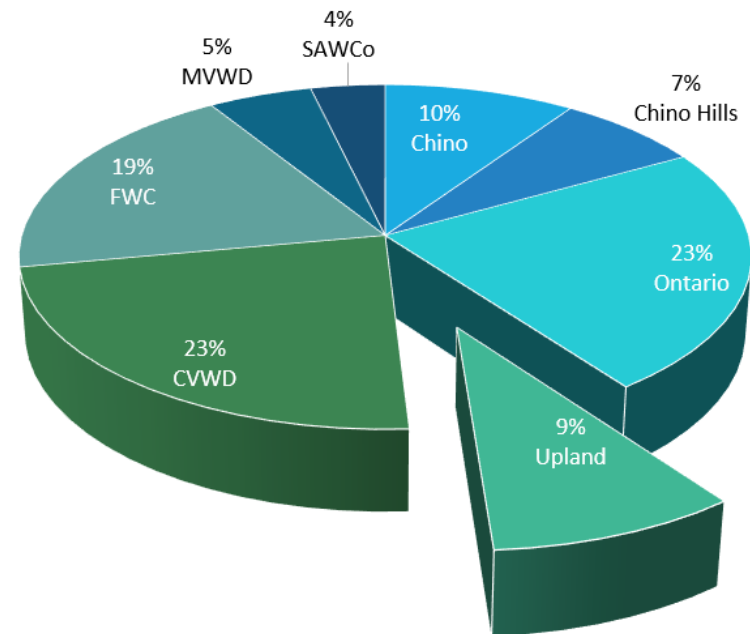
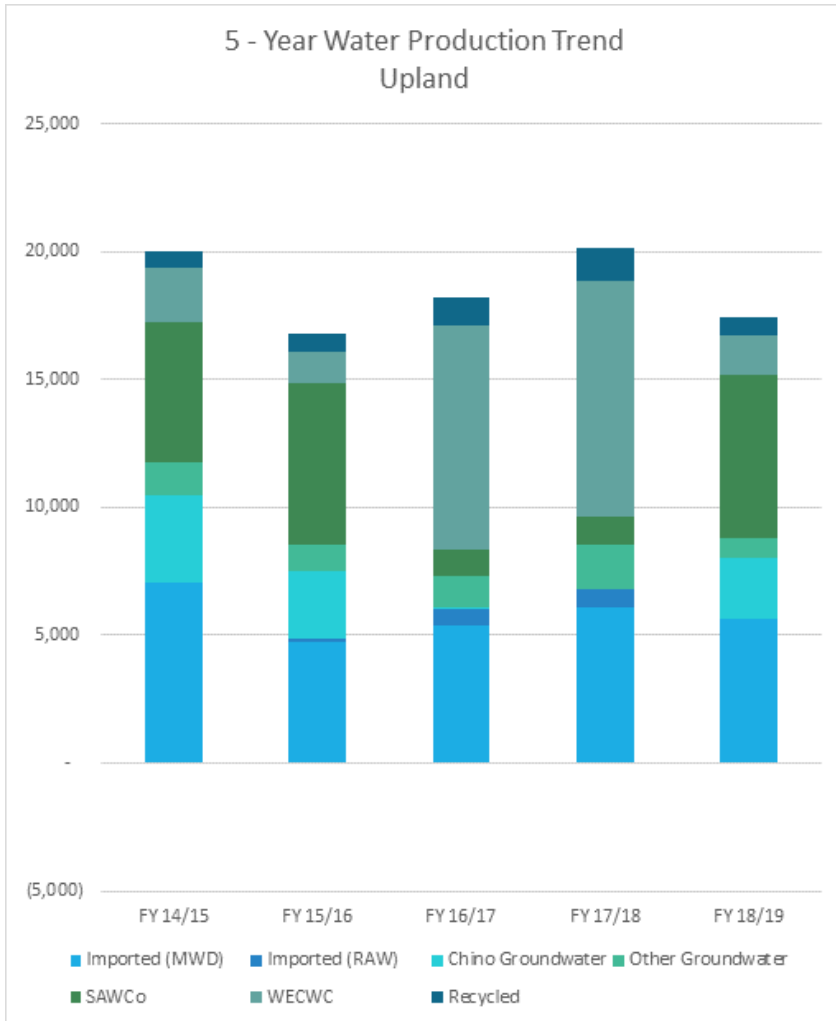
FY 18/19 Water Use Report

City of Upland



FY 18/19 Water Use Report

City of Upland



In FY 2018/19, The City of Upland used 9% (17,426 AF) of 188,817 AF used in the IEUA service area.

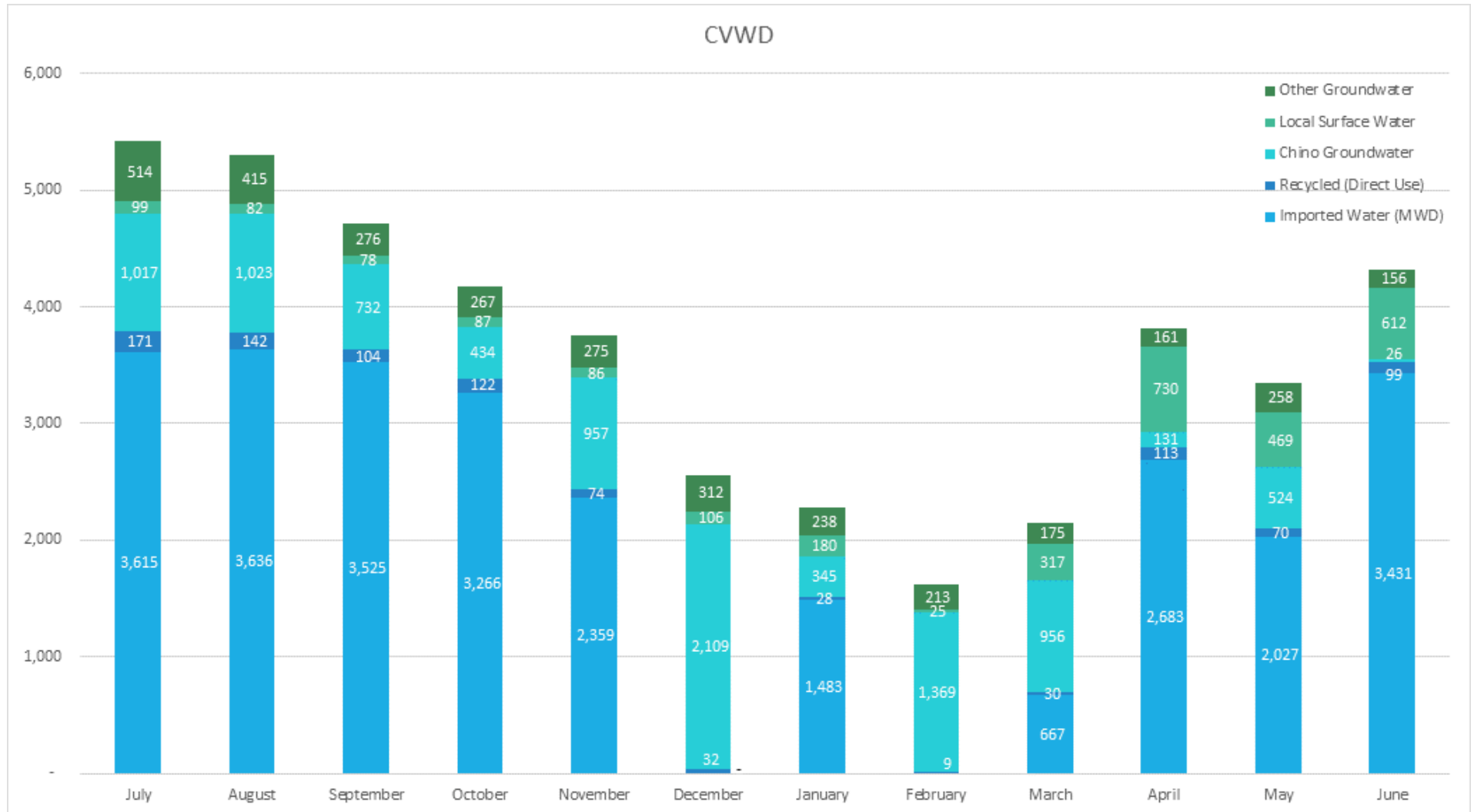
FY 18/19 Water Use Report

City of Upland

		Total IEUA Service Area Water Use By Agency for FY18-19 (AF)											City of Upland	
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (WFA)	955	1035	783	406	678	277	377	284	195	179	183	281	5,633
	Recycle (Direct Use)	120	110	72	95	53	24	11	5	17	69	65	68	709
	Imported Water (RAW)	0.00	0.00	0.00	-24.53	-5.28	-0.16	0.00	0.00	-0.25	0.00	-0.41	-0.31	-31
Subtotal		1,075	1,145	855	476	725	301	389	289	212	248	248	349	6,311
Production	Chino Groundwater	196	232	227	245	331	294	146	35	152	173	162	187	2,381
	Other Groundwater	75	68	64	67	57	54	20	9	30	96	100	121	762
Subtotal		271	299	291	312	388	348	166	44	183	269	262	308	3,142
Purchase from other agencies	SAWCo Water	586	617	658	836	247	312	328	267	377	736	680	732	6,376
	West End	306	290	217	92	87	78	62	49	95	140	110	70	1,596
Subtotal		892	906	876	928	333	391	390	316	472	876	790	803	7,972
Total		2,237	2,351	2,021	1,716	1,447	1,040	945	649	867	1,392	1,300	1,460	17,426

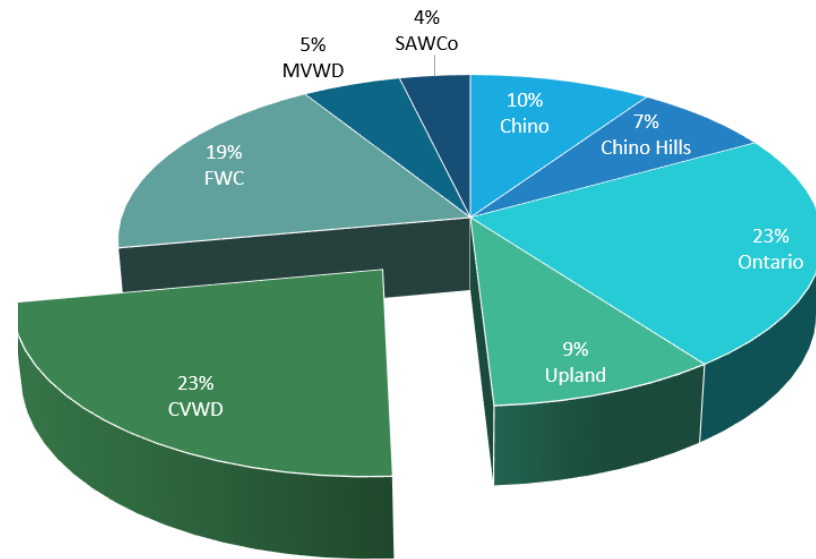
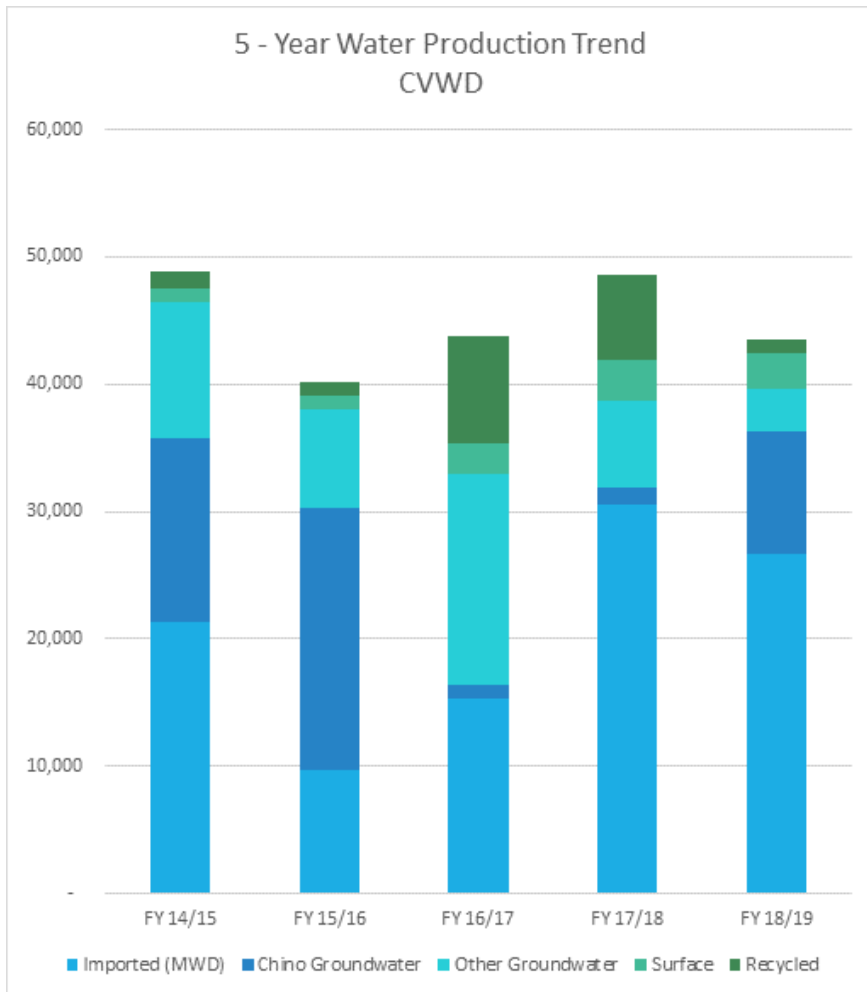
FY 18/19 Water Use Report

Cucamonga Valley Water District



FY 18/19 Water Use Report

Cucamonga Valley Water District



In FY 2018/19, Cucamonga Valley Water District used 23% (43,441) of 188,817 AF used in the IEUA service area.

FY 18/19 Water Use Report

Cucamonga Valley Water District

		Total IEUA Service Area Water Use By Agency for FY18-19 (AF)										CVWD		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (MWD)	3615	3636	3525	3266	2359	0	1483	0	667	2683	2027	3431	26,691
	Recycle (Direct Use)	171	142	104	122	74	32	28	9	30	113	70	99	996
Subtotal		3,786	3,778	3,629	3,388	2,433	32	1,512	9	696	2,796	2,097	3,530	27,687
Production	Chino Groundwater	1017	1023	732	434	957	2109	345	1369	956	131	524	26	9,624
	Local Surface Water	99	82	78	87	86	106	180	25	317	730	469	612	2,871
	Other Groundwater	514	415	276	267	275	312	238	213	175	161	258	156	3,259
Subtotal		1,630	1,520	1,086	788	1,319	2,526	762	1,607	1,447	1,022	1,252	794	15,754
Total		5,416	5,298	4,715	4,177	3,752	2,559	2,274	1,616	2,144	3,818	3,349	4,324	43,441

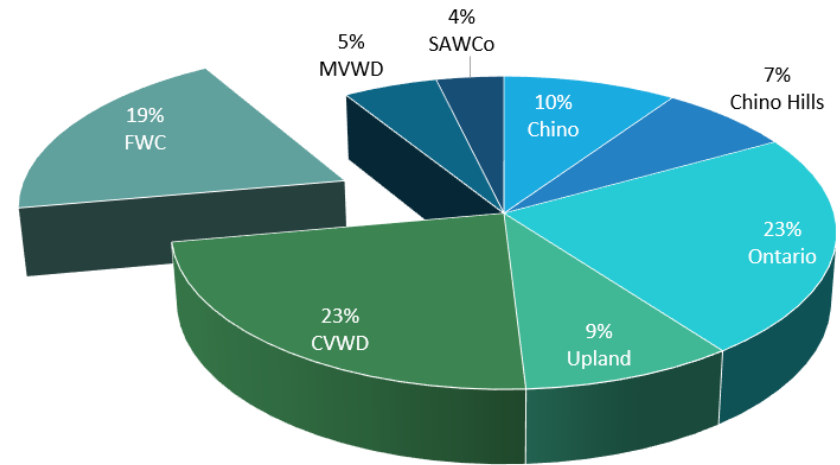
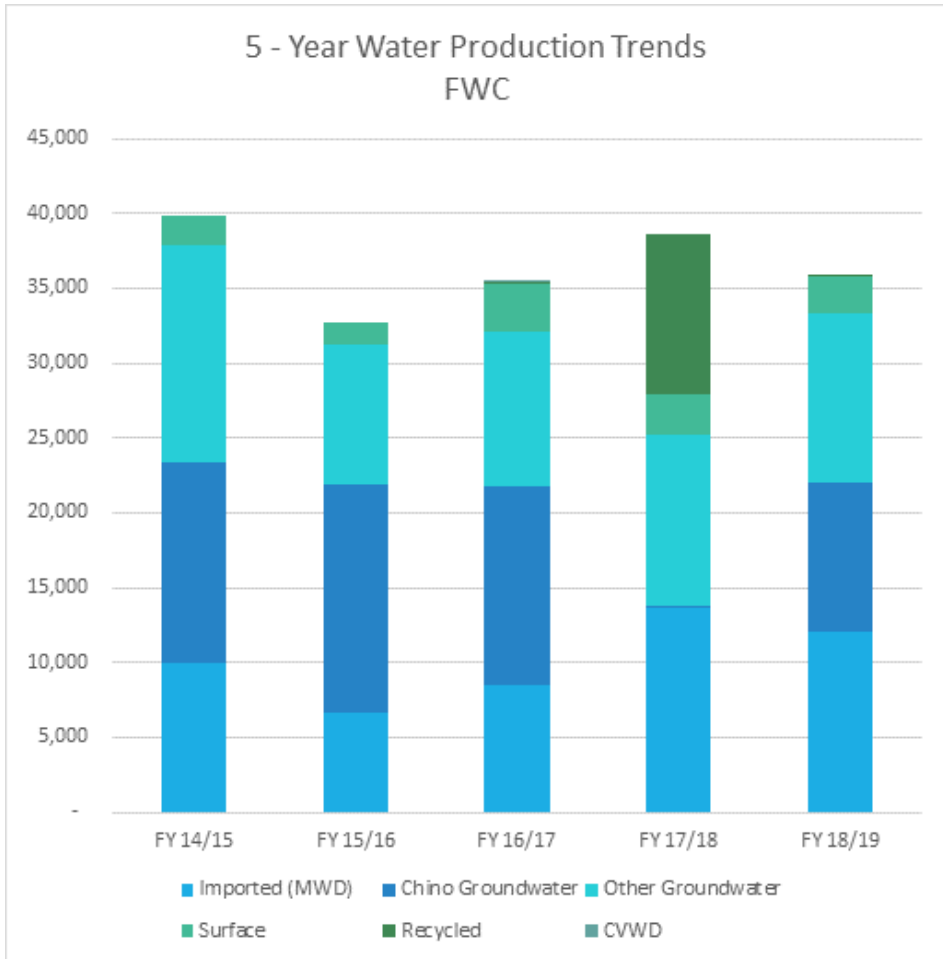
FY 18/19 Water Use Report

Fontana Water Company



FY 18/19 Water Use Report

Fontana Water Company



In FY 2018/19, Fontana Water Company used 19% (35,962 AF) of 188,817 AF used in the IEUA service area.

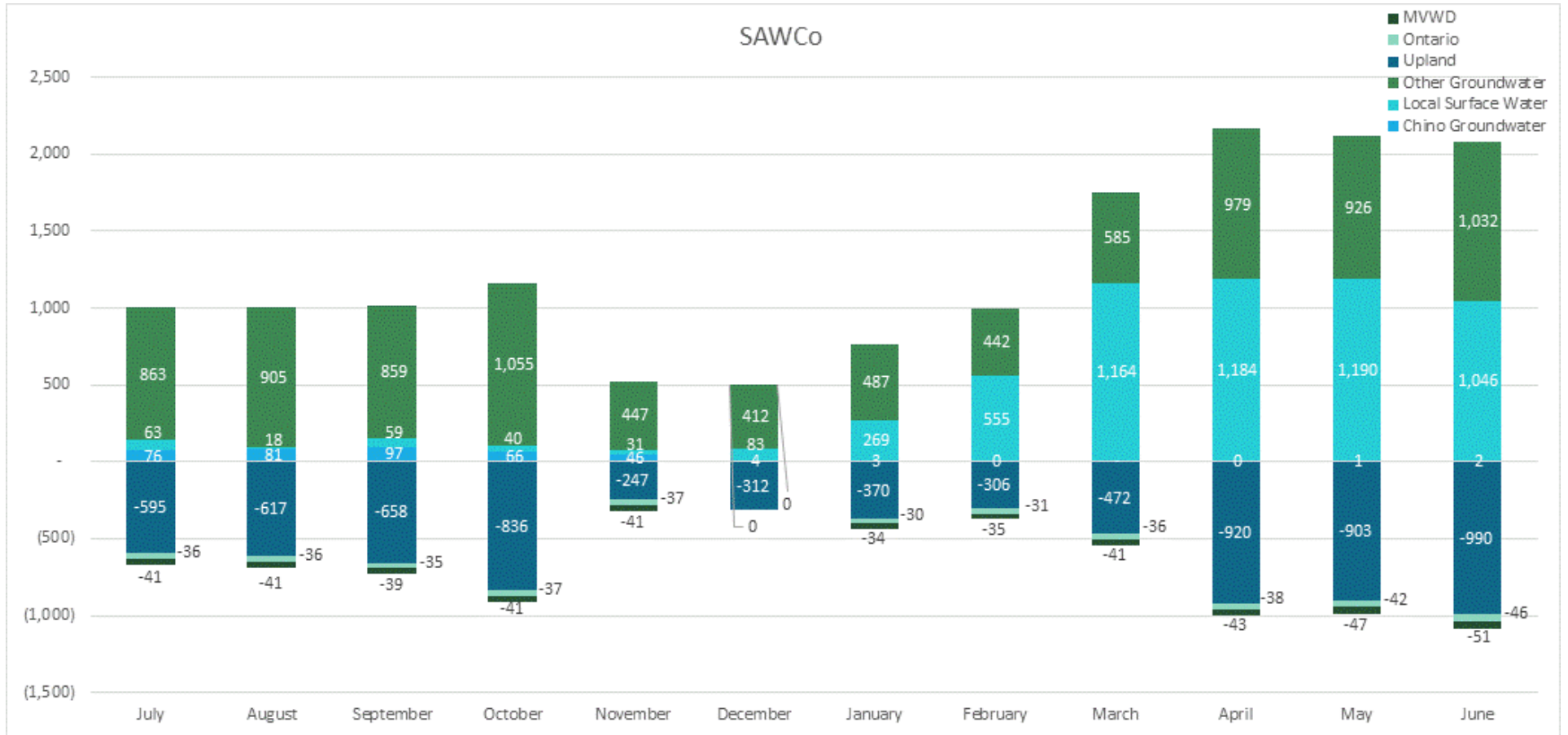
FY 18/19 Water Use Report

Fontana Water Company

		Total IEUA Service Area Water Use By Agency for FY18-19 (AF)										FWC		
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Purchases from IEUA	Imported Water (MWD)	1198	1184	1113	1178	1095	804	1023	639	763	962	1049	1067	12,075
	Recycle (Direct Use)	23	21	16	13	13	3	6	1	4	15	14	16	143
Subtotal		1,221	1,205	1,129	1,191	1,108	806	1,029	640	767	977	1,063	1,083	12,219
Production	Chino Groundwater	1670	1592	1244	1145	641	258	110	320	457	1166	612	746	9,961
	Local Surface Water	141	172	93	23	99	143	136	238	317	419	452	271	2,503
	Other Groundwater	1235	1232	1200	930	1154	1044	918	451	624	520	682	1289	11,280
Subtotal		3,045	2,995	2,536	2,099	1,893	1,445	1,164	1,009	1,399	2,106	1,746	2,306	23,743
Purchase from other agencies	CVWD	0	0	0	0	0	0	0	0	0	0	0	0	-
Subtotal		-	-	-	-	-	-	-	-	-	-	-	-	-
Total		4,267	4,201	3,665	3,289	3,001	2,251	2,193	1,648	2,165	3,083	2,809	3,389	35,962

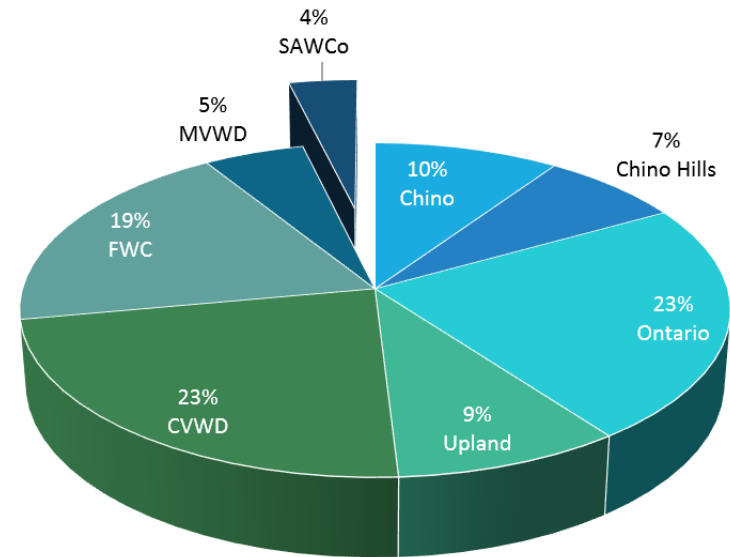
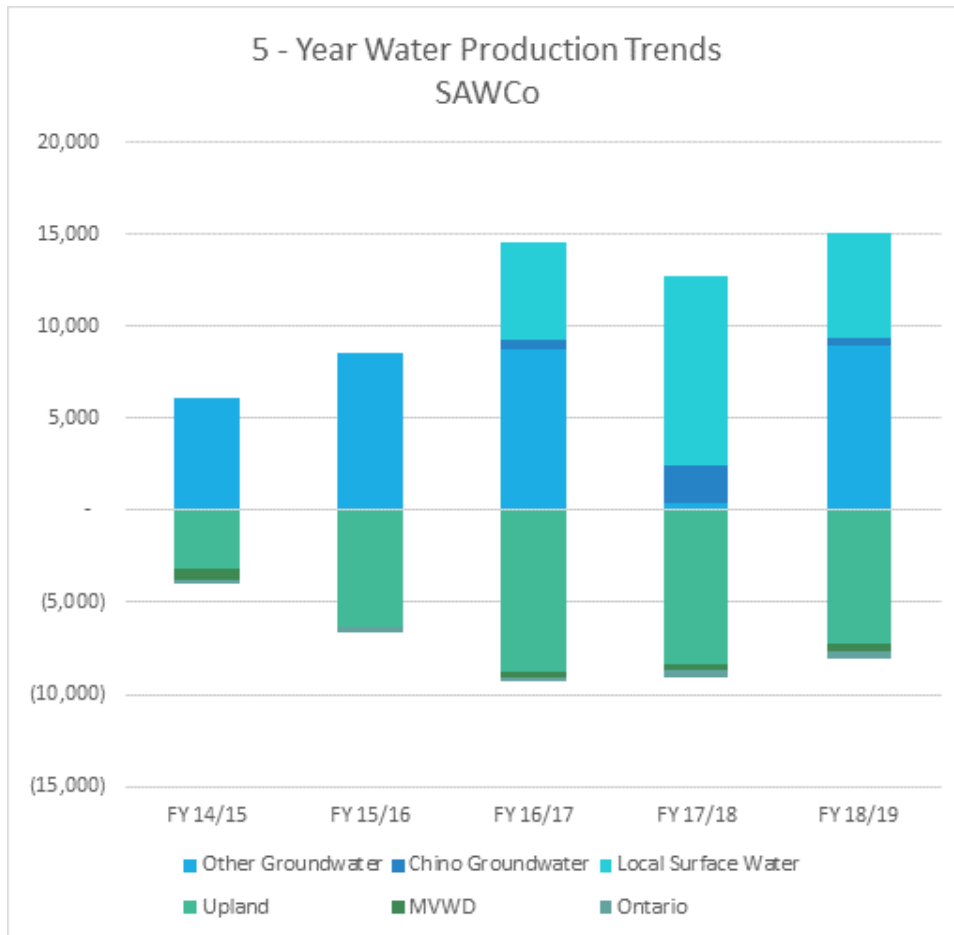
FY 18/19 Water Use Report

San Antonio Water Company



FY 18/19 Water Use Report

San Antonio Water Company



In FY 2018/19, San Antonio Water Company used 4% (6,989AF) of 188,817 AF used in the IEUA service area.

FY 18/19 Water Use Report

San Antonio Water Company

		Total IEUA Service Area Water Use By Agency for FY18-19 (AF)											SAWCo	
		July	August	September	October	November	December	January	February	March	April	May	June	Total
Production	Chino Groundwater	76.3	80.9	97.2	65.7	46.0	3.6	3.1	0.0	0.0	0.5	0.6	1.9	376
	Local Surface Water	63	18	59	40	31	83	269	555	1164	1184	1190	1046	5,701
	Other Groundwater	863	905	859	1055	447	412	487	442	585	979	926	1032	8,993
Subtotal		1,002	1,004	1,015	1,161	524	498	760	997	1,749	2,164	2,116	2,080	15,070
Sales to other agencies	Upland	-595	-617	-658	-836	-247	-312	-370	-306	-472	-920	-903	-990	-7225
	Ontario	-36	-36	-35	-37	-37	0	-30	-31	-36	-38	-42	-46	-403
	MVWD	-41	-41	-39	-41	-41	0	-34	-35	-41	-43	-47	-51	-454
Subtotal		-672	-694	-732	-914	-324	-312	-434	-372	-549	-1001	-992	-1086	-8081
Total		331	310	283	248	199	186	326	625	1,200	1,163	1,125	994	6,989

APPENDIX A

Five year Historical Data Summary

FY 17-18		Total IEUA Service Area Water Use by Retail Agency for FY 17-18 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	4,292	1,500	3,211	6,073	30,559	13,642	9,935	0	69,212
	Recycled (Direct Use)	6,480	1,858	9,654	706	1,263	176	318	0	20,455
Subtotal		10,772	3,358	12,865	6,779	31,822	13,818	10,253	0	89,667
Production	Chino Groundwater	5,149	2,839	26,109	1,764	6,819	11,392	8,755	428	63,255
	Other Groundwater	0	0	0	1,112	6,737	10,725	0	10,245	28,819
	Local Surface Water	0	0	0	0	3,195	2,735	0	2,020	7,950
Subtotal		5,149	2,839	26,109	2,876	16,751	24,852	8,755	12,693	100,024
Purchases from Other Agencies	CDA	4,999	4,211	4,032	0	0	0	0	0	13,242
	MVWD*	0	4,763	0	0	0	0	0	0	4,763
	SAWCo Water	0	0	341	9,197	0	0	0	0	9,538
	West End	0	0	0	1,298	0	0	0	0	1,298
	CVWD	0	0	0	0	0	0	0	0	0
Subtotal		4,999	8,974	4,373	10,495	0	0	0	0	28,841
Sales to Other Agencies*	Chino Hills**	0	0	0	0	0	0	-6,064	0	-6,064
	Ontario	0	0	0	0	0	0	0	-232	-232
	Upland	0	0	0	0	0	0	0	-8,401	-8,401
	MVWD	0	0	0	0	0	0	0	-444	-444
Subtotal		0	0	0	0	0	0	-6,064	-9,077	-15,141
Total		20,920	15,171	43,347	20,150	48,573	38,670	12,944	3,616	203,391

FY 16-17		Total IEUA Service Area Water Use by Retail Agency for FY 16-17 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	3,469	1,954	2,364	5,406	15,288	8,510	5,105	0	42,096
	Recycled (Direct Use)	6,447	1,838	8,352	652	1,056	52	306	0	18,703
Subtotal		9,916	3,792	10,716	6,058	16,344	8,562	5,411	0	60,799
Production	Chino Groundwater	4,972	2,245	24,672	1,260	16,549	13,251	7,786	537	71,272
	Other Groundwater	0	0	0	1,026	8,386	10,338	0	8,739	28,490
	Local Surface Water	0	0	0	0	2,448	3,230	0	5,282	10,960
Subtotal		4,972	2,245	24,672	2,286	27,384	26,818	7,786	14,558	110,721
Purchases from Other Agencies	CDA	5,008	4,206	3,077	0	0	0	0	0	12,292
	MVWD*	0	4,237	0	0	0	0	0	0	4,237
	SAWCo Water	0	0	171	8,791	0	0	0	0	8,961
	West End	0	0	0	1,068	0	0	0	0	1,068
	CVWD	0	0	0	0	0	39	0	0	39
Subtotal		5,008	8,444	3,248	9,858	0	39	0	0	26,597
Sales to Other Agencies*	Chino Hills**	0	0	0	0	0	0	-4,818	0	-4,818
	Ontario	0	0	0	0	0	0	0	-171	-171
	Upland	0	0	0	0	0	0	0	-8,791	-8,791
	MVWD	0	0	0	0	0	0	0	-278	-278
Subtotal		0	0	0	0	0	0	-4,818	-9,240	-14,058
Total		19,896	14,481	38,636	18,203	43,728	35,419	8,379	5,318	184,060

FY 15-16		Total IEUA Service Area Water Use by Retail Agency for FY 15-16 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	2,843	110	2,755	4,890	9,712	6,613	4,799	0	31,722
	Recycled (Direct Use)	7,217	1,410	7,566	719	1,146	0	278	0	18,336
Subtotal		10,060	1,520	10,321	5,609	10,857	6,613	5,078	0	50,058
Production	Chino Groundwater	5,104	1,630	22,755	2,601	20,524	15,317	8,371	0	76,302
	Other Groundwater	0	0	0	1,054	7,783	9,253	0	8,517	26,607
	Local Surface Water	0	0	0	0	1,002	1,497	0	0	2,499
Subtotal		5,104	1,630	22,755	3,655	29,309	26,067	8,371	8,517	105,408
Purchases from Other Agencies	CDA	5,000	4,201	2,682	0	0	0	0	0	11,883
	MVWD	0	5,642	0	0	0	0	0	0	5,642
	SAWCo Water	0	0	338	6,297	0	0	0	0	6,635
	West End	0	0	0	1,246	0	0	0	0	1,246
Subtotal		5,000	9,843	3,020	7,543	0	0	0	0	25,406
Sales to Other Agencies*	Chino Hills	0	0	0	0	0	0	-5,437	0	-5,437
	Ontario	0	0	0	0	0	0	0	-338	-338
	Upland	0	0	0	0	0	0	0	-6,297	-6,297
Subtotal		0	0	0	0	0	0	-5,437	-6,635	-12,072
Total		20,163	12,993	36,096	16,807	40,166	32,681	8,012	1,882	168,800

FY 14-15		Total IEUA Service Area Water Use by Retail Agency for FY 14-15 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	2,830	2,494	10,703	7,047	21,306	9,994	4,530	0	58,905
	Recycled (Direct Use)	8,324	1,827	8,018	636	1,400	0	308	0	20,513
Subtotal		11,154	4,321	18,721	7,684	22,705	9,994	4,838	0	79,418
Production	Chino Groundwater	6,497	2,904	17,426	3,416	14,490	13,344	8,407	0	66,485
	Other Groundwater	0	0	0	1,291	10,631	14,500	0	6,091	32,513
	Local Surface Water	0	0	0	0	1,076	1,969	0	0	3,044
Subtotal		6,497	2,904	17,426	4,708	26,196	29,813	8,407	6,091	102,042
Purchases from Other Agencies	CDA	5,232	4,426	4,827	0	0	0	0	0	14,485
	MVWD	0	4,436	0	0	0	0	0	0	4,436
	SAWCo Water	0	0	172	5,461	0	0	612	0	6,246
	West End	0	0	0	2,139	0	0	0	0	2,139
Subtotal		5,232	8,862	5,000	7,601	0	0	612	0	27,306
Sales to Other Agencies	Chino Hills	0	0	0	0	0	0	-4,439	0	-4,439
	MVWD	0	0	0	0	0	0	0	-612	-612
	Ontario	0	0	0	0	0	0	0	-172	-172
	Upland	0	0	0	0	0	0	0	-3,177	-3,177
Subtotal		0	0	0	0	0	0	-4,439	-3,961	-8,400
Total		22,884	16,087	41,147	19,992	48,902	39,807	9,419	2,129	200,366

FY 13-14		Total IEUA Service Area Water Use by Retail Agency for FY 13-14 (AFY)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	TOTAL
Purchases from IEUA	Imported Water (MWD)	4,342	962	9,904	7,265	28,825	9,792	5,965	0	67,055
	Recycled (Direct Use)	8,916	2,002	8,428	869	1,652	0	339	0	22,205
Subtotal		13,258	2,964	18,332	8,134	30,477	9,792	6,304	0	89,261
Production	Chino Groundwater	6,725	2,138	21,723	2,822	16,122	15,378	12,522	0	77,430
	Other Groundwater	0	0	0	704	8,324	17,454	0	12,610	39,092
	Local Surface Water	0	0	0	0	1,254	2,405	0	0	3,658
Subtotal		6,725	2,138	21,723	3,526	25,700	35,236	12,522	12,610	120,180
Purchases from Other Agencies	CDA	5,198	4,396	5,141	0	0	0	0	0	14,735
	CVWD	0	0	0	0	0	757	0	0	757
	MVWD	0	8,427	0	0	0	0	0	0	8,427
	SAWCo Water	0	0	0	9,662	0	0	400	0	10,063
	West End	0	0	0	2,653	0	0	0	0	2,653
Subtotal		5,198	12,824	5,141	12,316	0	757	400	0	36,636
Sales to Other Agencies	Chino Hills	0	0	0	0	0	0	-8,428	0	-8,428
	MVWD	0	0	0	0	0	0	0	-400	-400
	Upland	0	0	0	0	0	0	0	-9,662	-9,662
Subtotal		0	0	0	0	0	0	-8,428	-10,063	-18,490
Total		25,181	17,926	45,196	23,975	56,177	45,785	10,798	2,547	227,586

APPENDIX B

Definitions

Chino Basin Groundwater – Water pumped from the Chino Basin Aquifer and treated by retail water agencies for all potable uses within the IEUA service area.

Desalter Water – Water pumped from Chino Basin Desalter I owned and operated by the Chino Basin Desalter Authority (CDA). Groundwater, with high levels of dissolved solids, is treated and distributed to several retail agencies within the IEUA’s service area for potable uses.

Imported Water (MWD) – Water from Northern California and supplied by the Metropolitan Water District of Southern California (MWD), and water transferred from other groundwater basins to retail water agencies operating within the IEUA service area. All Tier I and Tier II deliveries are included in this category.

Other Groundwater – Water produced from other local groundwater basins to retail water agencies operating within IEUA’s service area.

Surface Water – Water collected by retail water agencies from mountain runoff and storm flows, which is collected and treated for potable use.

Recycled Water – Title 22 recycled water produced by the IEUA at its water recycling plants for distribution through separate pipelines to retail water agency customers for all non-potable uses.

WECWC– West End Consolidated Water Company supplies some water to the City of Upland.

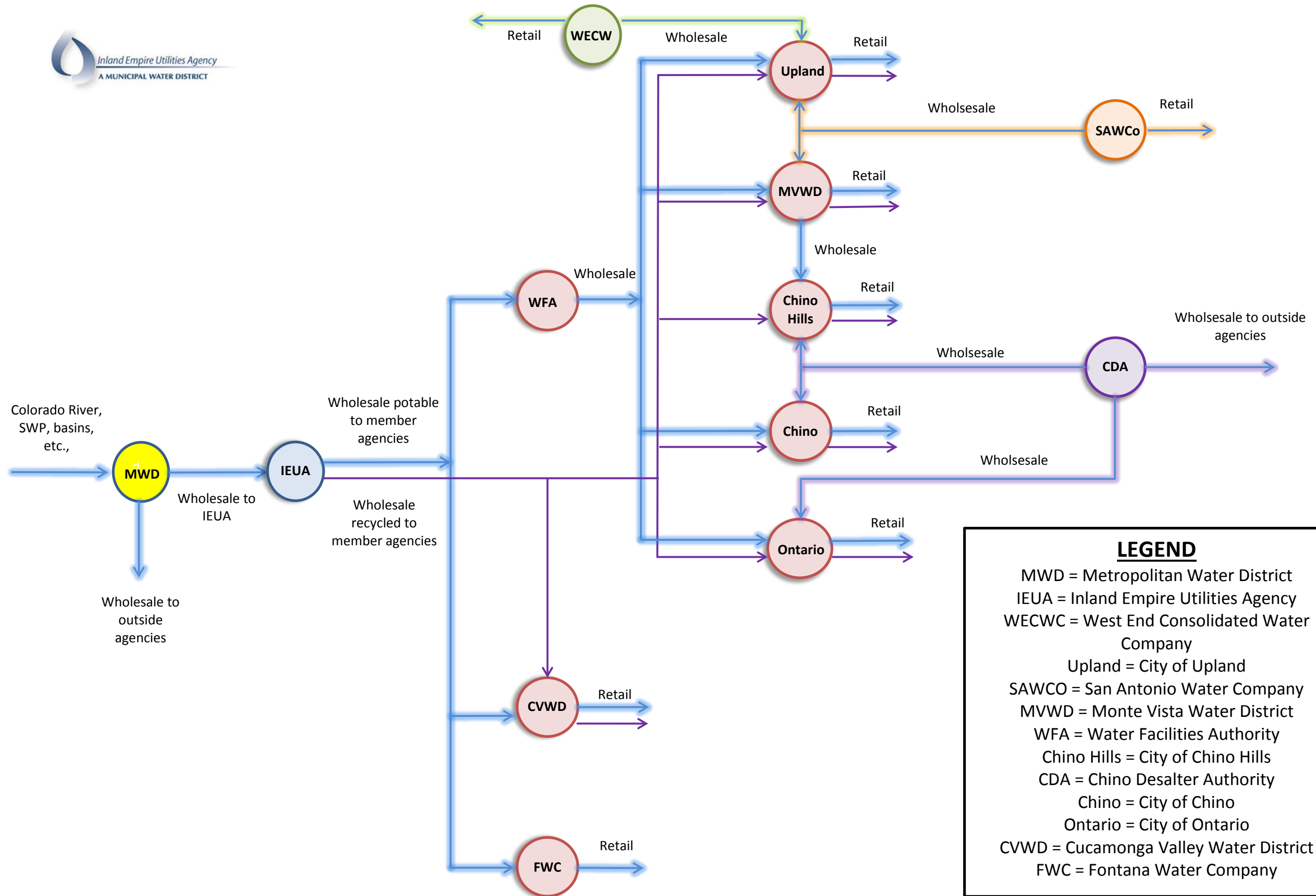
WVWD – West Valley Water District

Production – Amount of water Agencies produce from their groundwater, surface water, or other water supplies that they have rights or jurisdiction over.

Use – Amount of water used within a member agency’s jurisdiction, as reported by them to IEUA.

APPENDIX C

Member Agency Organizational Chart



LEGEND

- MWD = Metropolitan Water District
- IEUA = Inland Empire Utilities Agency
- WECWC = West End Consolidated Water Company
- Upland = City of Upland
- SAWCO = San Antonio Water Company
- MVWD = Monte Vista Water District
- WFA = Water Facilities Authority
- Chino Hills = City of Chino Hills
- CDA = Chino Desalter Authority
- Chino = City of Chino
- Ontario = City of Ontario
- CVWD = Cucamonga Valley Water District
- FWC = Fontana Water Company